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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ronald A. Katz
Serial No.: 08/476,662
Filed: June 7, 1995
For: TELEPHONIC-INTERFACE
STATISTICAL ANALYSIS SYSTEM
Docket No.: 9002-1B670USE
(prev. 6646-101NF)

Examiner in Parent:
T. Brown

Art Unit: 2601

#136

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AMENDMENT

707 Wilshire Blvd., 32nd Floor
Los Angeles, CA 90017
February 26, 1997

Assistant Commissioner
for Patents
Washington, DC 20231

Sir:

In response to the Office Action dated November 26, 1996,
please amend the above-identified application as follows:

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D. C. 20231.

Date: February 26, 1997
Connie Kwon
Connie Kwon

200 TL 03/26/97 08476662
1 102 240.00 CK
1 103 1,210.00 CK

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IN THE CLAIMS:

Please amend claims 29, 32-33, 37, 39, 41-42, 44, 46, 50-51, 55-56, 58, 63, 68-70, 79, 82, 88, 91, 96-98, 102, 110, 119, 122, 126, 128, 130-135, 137-138, 141-143, 148-151, 155-158, 164, and 166, and cancel claims 80 and 81, without prejudice.

1 ~~29.~~ (Three Times Amended) A process for controlling
2 operations of an interface with a communication facility, said
3 process including the steps of:

4 providing products carrying participation numbers
5 specifying limits on use to entitle individual callers to
6 access said operations of said interface with said
7 communication facility;

8 coupling remote terminals to said interface for
9 providing voice signals to said individual callers as to
10 provide vocal operating instructions to said individual
11 callers;

12 receiving digital identification data from said
13 individual callers responsive to said voice signals
14 including said participation numbers for said individual
15 callers and answer data provided from said remote terminals
16 under control of said individual callers;

17 qualifying said individual callers by testing to
18 determine if said individual callers are entitled to access
19 said operations of the interface based on said limits on use

20 specified by said participation numbers for said individual
21 callers and accordingly providing approval signals for
22 qualified individual callers;

23 accessing a memory with said participation numbers for
24 said individual callers and storing data relating to calls
25 from said individual callers; and

26 processing at least certain of said answer data
27 responsive to said approval signals to isolate a subset of
28 said individual callers.

1 ⁴~~32~~. (Twice Amended) A process according to claim ¹~~29~~,
2 wherein said communication facility automatically provides called
3 terminal digital data (DNIS) to identify a specific format from a
4 plurality of formats for executing operations of said interface.

1 ⁵~~33~~. (Amended) A process according to claim [29] ⁴~~32~~,
2 wherein said communication facility also automatically provides
3 calling terminal digital data to identify said remote terminals.

1 ⁸~~37~~. (Amended) An analysis control system for use with a
2 communication facility including remote terminals for individual
3 callers, wherein said remote terminals may comprise a
4 conventional telephone instrument including voice communication
5 means, and digital input means in the form of an array of
6 alphabetic numeric buttons for providing data, said analysis
7 control system comprising:

8 an interface structure coupled to said communication
9 facility to interface said remote terminals for voice and
10 digital communication, and including means to provide caller
11 data signals representative of data relating to said
12 individual callers developed by said remote terminals and
13 means to receive calling terminal digital data automatically
14 provided by said communication facility;

15 voice generator structure coupled through said
16 interface structure for actuating said remote terminals as
17 to provide vocal operating instructions to said individual
18 callers;

19 record structure, including memory and control means,
20 connected to receive said caller data signals from said
21 interface structure for accessing a file and storing digital
22 data relating to said individual callers provided from said
23 digital input means through said interface structure to
24 store designations of said individual callers including
25 representations indicative of [the] a calling order sequence
26 of said individual callers, said record structure also
27 including a database of stored calling terminal digital
28 data; and

29 qualification structure controlled by said record
30 structure for restricting the extent of access to said
31 system by said individual callers based on a comparison of
32 said calling terminal digital data against said database of
33 stored calling terminal digital data.

G4 10²⁹. (Twice Amended) An analysis control system according
2 to claim [38] ⁸~~37~~, wherein said calling order sequence is
3 indicative of caller transaction data.

1 12⁴¹. (Three Times Amended) An analysis system for use with
2 a communication facility including remote terminal apparatus for
3 individual callers, wherein said remote terminal apparatus may
4 comprise a conventional telephone instrument including voice
5 communication means, and digital input means in the form of an
6 array of alphabetic numeric buttons for providing [identification
7 and] caller data including answer data, said analysis system
8 comprising:

9 interface means selectively coupled to said
10 communication facility to interface said remote terminal
G5 11 apparatus for voice and digital communication and including
12 means to provide signals values from data developed by said
13 remote terminal apparatus;

14 voice generator means selectively coupled through said
15 interface means to said remote terminal apparatus for
16 providing vocal operating instructions to said individual
17 callers;

18 designation means selectively coupled to said interface
19 means for assigning individual designations to said
20 individual callers; and

21 processing means for [providing] processing at least
22 certain of said answer data, and storage means for
23 registering said [processing] answer data, said processing
24 means for isolating a subset of said individual callers
25 based on repeated comparisons of said [processing] answer
26 data that is registered against said [processing] answer
27 data being provided by said individual callers including
28 data associated with said individual callers.

13
1 ~~42.~~ (Amended) An analysis control system according to
2 claim ~~41~~¹², wherein said designation means includes means for
3 storing sequence data indicative of [the] a calling sequence of
4 said individual callers.

15
1 ~~44.~~ (Amended) An analysis control system according to
2 claim ~~41~~¹², wherein said processing means processes said
3 [processing] answer data that is registered in combination with
4 said [identification and] answer data being provided by said
5 individual callers.

17
1 ~~46.~~ (Amended) An analysis control system according to
2 claim ~~45~~¹⁶, wherein said operator enters at least certain of said
3 [processing] answer data for said certain of said individual
4 callers.

21
1 ~~50.~~ (Twice Amended) An analysis control system for use

2 with a communication facility including remote terminals for
3 individual callers, wherein each of said remote terminals may
4 comprise a conventional telephone instrument including voice
5 communication means and digital input means in the form of an
6 array of alphabetic numeric buttons for providing data, said
7 analysis control system comprising:

8 interface structure coupled to said communication
9 facility to interface said remote terminals for voice and
10 digital communication and including means to provide signals
11 representative of data developed by said remote terminals
12 and including means to automatically receive called number
13 identification signals (DNIS) to identify one of a plurality
14 of different called numbers;

15 voice generator structure coupled through said
16 interface structure for actuating said remote terminals as
17 to provide vocal operating instructions to specific ones of
18 said individual callers;

19 record means, including memory and control means, ^{said record structure}
20 connected to said interface structure for accessing a file
21 and storing data relating to said individual callers;

22 designation means coupled to said interface structure
23 and said record means for assigning individual designations
24 to said individual callers and storing said designations in
25 said record means as part of said data relating to said
26 individual callers; and

27 encoding means coupled to said record means and said

28 designation means for encoding at least certain of said data
29 relating to [calls from] said individual callers.

22
51. (Twice Amended) An analysis control system according
to claim ²¹~~50~~, wherein said designation means includes means for
3 storing representations of other data provided by [said] a caller
4 including caller PIN number data.

26
55. (Twice Amended) An analysis control system according
to claim ²¹~~50~~, wherein said [designation] record means includes
3 means for storing customer number data which is tested to
4 determine if said customer number data indicates negative or
5 canceled status.

27
56. (Twice Amended) An analysis control system for use
2 with a communication facility including remote terminals for
individual callers, wherein said remote terminals may comprise a
conventional telephone instrument including voice communication
5 means, and digital input means in the form of an array of
6 alphabetic numeric buttons for providing data, said analysis
7 control system comprising:

8 interface structure coupled to said communication
9 facility to interface said remote terminals for voice and
10 digital communication, and including means to provide caller
11 data signals representative of data relating to said
12 individual callers developed by said remote terminals and

13 including means to [automatically] receive called number
14 identification signals (DNIS) automatically provided by said
15 communication facility to identify a select one of a
16 plurality of different called numbers associated with a
17 select format of a plurality of different formats;
18H record structure, including memory and control means, ^{said record structure}
19 connected to receive said caller data signals from said
20 interface structure for accessing a file and storing certain
21 of said data developed by said remote terminals relating to
22 certain select ones of said individual callers; [and]
23 qualification structure coupled to said record
24 structure for qualifying access by said individual callers
25 to said select format based on at least two forms of
26 distinct identification including caller customer number
27 data and at least one other distinct identification data
28 element consisting of personal identification data provided
29 by a respective one of said individual callers; and
30 switching structure coupled to said interface structure
31 for switching certain select ones of said individual callers
32 at said remote terminals to any one of a plurality of live
33 operators wherein said live operators can enter at least a
34 portion of said caller data relating to said select ones of
35 said individual callers through interface terminals, which
36 is stored in said record structure.

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1 29 58. (Amended) An analysis control system according to

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claim ~~57~~, wherein said caller data signals further include
signals indicative of credit card expiration date data.

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1 ³⁴~~63~~. (Amended) An analysis control system according to
2 claim ²⁷~~56~~, wherein at least one distinct identification is
3 provided by said individual callers on-line and [at least one of
4 said two forms] is stored in said record structure for subsequent
5 use.

1 ³⁹~~68~~. (Twice Amended) An analysis control system according
2 to claim [67] ²⁷~~56~~, wherein at least one of said at least two forms
3 of distinct identification includes social security number data.

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1 ⁴⁰~~69~~. (Amended) An analysis control system according to
2 claim [67] ²⁷~~56~~, wherein at least one of said at least two forms of
3 distinct identification includes caller PIN number data.

1 ⁴¹~~70~~. (Amended) An analysis control system according to
2 claim [67] ²⁷~~56~~, wherein at least [said] one other [of said]
3 distinct identification data comprises initials data.

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cont'd

1 ⁴⁹~~79~~. (Twice Amended) An analysis control system according
2 to claim ²⁷~~56~~, wherein said caller customer number is verified
3 against a record of qualified customer numbers and said personal
4 identification data is provided on-line by said individual
5 callers and [is] stored in said record structure for subsequent

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use.

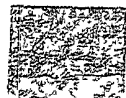
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1 ⁵⁰~~22~~. (Amended) A system according to claim ²⁷~~56~~, wherein said
2 qualification structure further executes a test for unacceptable
3 customer numbers based upon data developed by said remote
4 terminals indicative of said caller customer numbers.

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1 ⁵⁶~~88~~. (Twice Amended) An analysis control system according
2 to claim ²⁷~~56~~, wherein said select format is identified by said one
3 [or more] of said plurality of different called numbers and is a
4 distinct operating process merchandising format for processing
5 [with] of a customer's interactive order.

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1 ⁵⁹~~91~~. (Amended) An analysis control system according to
2 claim ⁵⁸~~50~~, wherein said qualification structure testing for credit
3 further tests by scoring the instant transaction for credit
4 approval.

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1 ⁶⁴~~96~~. (Twice Amended) An analysis control system according
2 to claim [94] ⁶³~~95~~, wherein said personal identification data
3 element is provided on-line for said individual callers and is
4 stored in said record structure for subsequent use.

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1 ⁶⁵~~97~~. (Twice Amended) An analysis control system for use
2 with a communication facility including remote terminals for
3 individual callers, wherein each of said remote terminals may



4 comprise a conventional telephone instrument including voice
5 communication means, and digital input means in the form of an
6 array of alphabetic numeric buttons for providing data, said
7 analysis control system comprising:

8 an interface structure coupled to said communication
9 facility to interface said remote terminals for voice and
10 digital communication, and including means to provide caller
11 data signals representative of data relating to said
12 individual callers developed by said remote terminals and
13 including means to automatically receive called number
14 identification signals (DNIS) to identify a select format
15 from a plurality of formats;

16 voice generator structure coupled through said
17 interface structure for actuating said remote terminals as
18 to provide voice operating instructions to said individual
19 callers;

20 record structure, including memory and control means, ^{said record structure}
21 connected to receive said caller data signals from said
22 interface structure for accessing a file and storing digital
23 caller data relating to said individual callers provided
24 from said digital input means through said interface
25 structure; and

26 qualification structure for testing caller data signals
27 provided by at least one of said individual callers to
28 specify a consumable participation key, said consumable
29 participation key for use during a single predetermined

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30 period of time for restricting the extent of access to at
31 least a portion of said system by said one of said
32 individual callers on the basis of entitlement.

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98. (Amended) An analysis control system according to
2 claim ⁶⁵97, wherein said caller data signals [compare] represent a
3 plurality of data elements for identifying a caller or a caller
4 transaction or both.

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70 102. (Twice Amended) A process according to claim ⁶⁸100,
2 wherein said qualifying step further limits access by said
3 individual callers to a predetermined [interval] period of time
4 on the basis of entitlement.

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78 110. (Amended) A process according to claim ⁷⁷109, wherein
2 at least a part of said calling number identification data is
3 utilized in said processing step to test for excess use with
4 respect to said specific operating format.

87 119. (Twice Amended) A process for controlling operations
2 of the interface with a telephone communication system, said
3 process including the steps of:

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providing products carrying participation numbers
concealed within the packaging of said products, said
participation numbers specifying limits on use to entitle
individual callers to access said operations of the

8H interface with said telephone communication system; ~~and~~

9 coupling remote terminals to said interface for
10 providing voice signals to said individual callers and
11 generating said voice signals for actuating said remote
12 terminals as to provide vocal operating instructions to
13 specific ones of said individual callers;

14 receiving digital identification data from said
15 individual callers responsive to said voice signals
16 including said participation numbers for said individual
17 callers and answer data provided from said remote terminals
18 under control of said individual callers;

19 qualifying said individual callers by testing to
20 determine if said individual callers are entitled to access
21 said operations of the interface based on said limits on use
22 specified by said participation numbers for said individual
23 callers and accordingly approving qualified individual
24 callers;

25 accessing a memory with said participation numbers for
26 said individual callers and storing data relating to calls
27 from said individual callers;

28 processing at least certain of said answer data
29H responsive to approving said qualified individual callers; ^{and}

30 receiving calling number identification signals from
31H said telephone communication ^{system} ~~facility~~ for said individual
32 callers and utilizing at least part of said calling number
33 identification signals in said processing step.

1 ⁹⁰122. (Twice Amended) A process according to claim ⁸⁷119,
G221 wherein said step of qualifying further restricts the extent of
3 access during a predetermined period of time to at least a
4 portion of said system on the basis of entitlement.

1 ⁹⁴126. (Twice Amended) An analysis control system according
2 to claim ⁹³125, further comprising:
3 a plurality of call distributors located at different
4 geographic locations wherein called number identification
5 signals (DNIS) to identify said plurality of called numbers
G222 are received at said interface structure through said
7H plurality of call distributors ^{and} wherein said communication
8 facility further comprises: [^]
9 call allocation routing capability to window said
10H individual callers ~~to specific ones of said plurality of~~
11H ~~call distributors.~~

1 ⁹⁶128. (Twice Amended) An analysis control system for use
2 with a communication facility including remote terminals for
3 individual callers, wherein each of said remote terminals may
G23 comprise a conventional telephone instrument including voice
cont'd communication means, and digital input means in the form of an
6 array of alphabetic numeric buttons for providing data, said
7 analysis control system comprising:
8 an interface structure coupled to said communication



9 facility to interface said remote terminals for voice and
10 digital communication, and including means to receive answer
11 data signals provided by said individual callers from said
12 remote terminals wherein said communication facility
13 automatically provides called number identification data
14 signals indicating a called number (DNIS) dialed by an
15 individual caller and said called number [(DNIS)] is one of
16 a plurality of called numbers;

17 voice generator structure coupled through said
18 interface structure for actuating said remote terminals as
19 to provide vocal operating instructions to said individual
20 callers;

21 record structure including memory and control means for
22 storing answer data signals and for receiving identification
23 data signals for specific of said individual callers, said
24 record structure further including means for receiving
25 additional identification data signals on-line for said
26 specific of said individual callers and for storing said
27 additional identification data signals in said record
28 structure for subsequent identification of said individual
29 callers; [and]

30 means for processing at least certain of said answer
31 data signals relating to select ones of said individual
32 callers; ^{and}₁

33 qualification structure for verifying said
34 identification data signals for specific of said individual

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callers against a file of stored identification data.

1 ⁹⁸~~130.~~ (Twice Amended) An analysis control system according
2 to claim ⁹⁶~~128~~, wherein said identification data signals
3 [comprises] comprise caller customer number data.

1 ⁹⁹~~131.~~ (Twice Amended) An analysis control system according
2 to claim ⁹⁸~~130~~, wherein said additional identification data signals
3 [comprises] comprise at least one of caller PIN number data,
4 caller initials data, social security number data, or caller
5 telephone number data.

1 ¹⁰⁰~~132.~~ (Amended) An analysis control system according to
2 claim ⁹⁸~~130~~, wherein [said caller customer number data comprises]
3 calling number identification data automatically provided by said
4 communication facility is indicative of said caller customer
5 number data.

1 ¹⁰¹~~133.~~ (Amended) An analysis control system, according to
2 claim ⁹⁶~~128~~, wherein said identification data signals include data
3 indicative of caller customer number data and said additional
4 data signals are indicative of caller social security number
5 data.

1 ¹⁰²~~134.~~ (Twice Amended) An analysis control system, according
2 to claim [133] ¹⁰⁰~~132~~, wherein said additional identification data

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3 signals are indicative of caller PIN number data.

1 ¹⁰³
~~135.~~ (Twice Amended) An analysis control system according
2 to claim ¹⁰¹~~133~~, further comprising:

3 a plurality of call distributors located at different
4 geographic locations wherein called number identification
5 signals (DNIS) to indicate said plurality of said called
6 numbers are received at said interface structure through
7 said plurality of call distributors ^{and} wherein said
8 communication facility further comprises:

9 call allocation routing capability to window said
10 ~~individual callers to specific ones of said plurality of~~
11 ~~call distributors.~~

1 ¹⁰⁵~~137.~~ (Twice Amended) An analysis control system according
2 to claim ¹⁰⁴~~136~~, wherein said computer generated number data [are]
3 is provided in a chronological order to said individual callers
4 during a data acquisition phase.

1 ¹⁰⁶
~~138.~~ (Twice Amended) An analysis control system according
2 to claim ⁹⁶~~138~~, wherein said one of a plurality of called numbers
3 identifies one of a plurality of distinct operating formats.

1 ¹⁰⁹~~141.~~ (Twice Amended) An analysis control system for use
with a communication facility including remote terminals for
individual callers, wherein each of said remote terminals may

4 comprise a conventional telephone instrument including voice
5 communication means and digital input means in the form of an
6 array of alphabetic numeric buttons for providing data, said
7 analysis control system comprising:

8 interface structure coupled to said communication
9 facility to interface said remote terminals for voice and
10 digital communication and including means to provide signals
11 representative of data developed by said remote terminals;

12 voice generator structure selectively coupled through
13 said interface structure to said remote terminals for
14 providing vocal operating instructions to individual ones of
15 said individual callers;

16 record memory connected to said interface structure for
17 accessing a file and storing data relating to certain select
18 ones of said individual callers including voice data and
19 digital data developed by said remote terminals;

20 qualification structure for qualifying said individual
21 callers by testing to determine if at least certain of said
22 individual callers are entitled to access a processing
23 [formats] format of said analysis [structure] control
24 system;

25 structure selectively coupled to said interface
26 structure and said record memory for providing computer
27 generated numbers to said individual callers and storing
28 said computer generated numbers in said record memory; and
29 analysis structure connected to said record memory for

30 processing at least certain of said data relating to certain
31 select ones of said individual callers; and
32 means to control processing formats of said analysis
33 ~~[structure]~~ control system in accordance with signals
34 automatically provided by said communication facility
35 indicative of a respective one of a plurality of called
36 numbers (DNIS) for a respective one of said processing
37 formats.

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142. (Amended) An analysis control system according to
2 claim ~~141~~¹⁰⁹, wherein said signals representative of data include
3 credit card or participation number data.

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143. (Amended) An analysis control system according to
2 ~~142~~¹¹⁰, wherein said credit card or participation number data is
3 verified.

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148. (Twice Amended) An analysis control system according
2 to claim [147] ~~148~~¹¹³, wherein said **[physical characteristic]**
3 personal information data includes age data.

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149. (Twice Amended) An analysis control system for use
2 with a communication facility including remote terminals for
3 individual callers, wherein each of said remote terminals may
4 comprise a conventional telephone instrument including voice
5 communication means and digital input means in the form of an



6 array of alphabetic numeric buttons for providing data and
7 wherein said communication facility has a capability to provide
8 called number identification data (DNIS) and calling number
9 identification data, said analysis control system comprising:

10 multiple automatic call distributors at geographically
11 distinct locations for receiving calls from said individual
12 callers at said remote terminals;

13 interface structure coupled to said communication
14 facility to interface said remote terminals for voice and
15 digital communication and including means to receive caller
16 data signals representative of data relating to said
17 individual callers, including caller personal identification
18 data and said called number identification data signals
19 (DNIS) and said calling number identification data provided
20 automatically by said communication facility, said called
21 number identification data signals (DNIS) identifying a
22 select format from a plurality of formats;

23 voice generator structure coupled through said
24 interface structure for actuating said remote terminals as
25 to provide vocal operating instructions in accordance with
26 said select format to said individual callers and to prompt
27 said individual callers to enter data;

28 record testing structure connected to receive and test
29 said caller data signals including said calling number
30 identification data and said caller personal identification
31 data against previously stored calling number identification

32 data and caller personal identification data; and
33 analysis structure for receiving and processing said
34 caller data signals under control of said record testing
35 structure.

1 ¹¹⁷
~~150.~~ (Twice Amended) An analysis control system according
2 to claim ¹¹⁶~~149~~, wherein said communication facility further
3 comprises:

4 call allocation routing capability to window said
5 individual callers ~~to specific ones of said plurality of~~
6 ~~call distributors.~~

1 ¹¹⁸
~~151.~~ (Twice Amended) A process for controlling operations
2 of an interface with a telephonic communication system including
3 remote terminals for individual callers, wherein each of said
4 remote terminals may comprise a conventional telephone instrument
5 including voice communication means and digital input means in
6 the form of an array of alphabetic numeric buttons for providing
7 data and wherein said telephonic communication system has a
8 capability to automatically provide call data signals indicative
9 of calling number identification data or called number
10 identification data (DNIS) or both, said process including the
11 steps of:

12 providing products carrying participation numbers
13 concealed within said products specifying limits on use
14 relating to a dollar amount to entitle said individual

15 callers to access said operations of said interface with
16 said telephonic communication system;
17 receiving said call data signals indicative of called
18 number identification data including a called number (DNIS)
19 dialed by said individual callers to select a specific
20 operating format from a plurality of operating formats of
21 said operations of said interface wherein at least one of
22 said plurality of operating formats includes an automated
23 promotional format for promoting said products;
24 coupling said remote terminals to said interface for
25 providing voice signals to said individual callers and
26 generating said voice signals for actuating said remote
27 terminals as to provide vocal operating instructions to
28 specific ones of said individual callers;
29 receiving digital identification data from said
30 individual callers responsive to said voice signals
31 including said participation numbers and answer data
32 provided from said remote terminals under control of said
33 individual callers;
34 qualifying said individual callers by testing to
35 determine if said individual callers are entitled to access
36 said operations of said interface based on said limits on
37 use specified by said participation numbers and accordingly
38 approving qualified individual callers;
39 accessing a memory with said participation numbers and
40 storing data relating to calls from said individual callers;

41 processing at least certain of said answer data
42 responsive to approving said qualified individual callers;
43 and
44 providing on-going accounting data to said individual
45 callers, said on-going accounting data for at least one of a
46 plurality of intervals [is] being determined at least in
47 part by said answer data provided by an individual caller
48 during a call and during at least one of said intervals
49 includes real time data provided to [an] said individual
50 caller on-line.

1 ~~153.~~ (Amended) A process according to claim ~~[151] 156,~~
2 further including a step of limiting access by a caller to said
3 memory under control of a clock.

1 ¹²² ~~156.~~ (Twice Amended) A process according to claim ¹¹⁸ ~~151,~~
2 wherein said qualifying step limits access by said individual
3 callers to a predetermined [interval] period of time based on
4 entitlement.

1 ¹²³ ~~157.~~ (Amended) A process according to claim ¹¹⁸ ~~151,~~ wherein
2 said step for receiving [step] said call data signals further
3 includes:
4 receiving calling number identification data.

1 ¹²⁴ ~~158.~~ (Amended) A process according to claim ¹²³ ~~157,~~ wherein

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said processing step further includes processing of at least
certain of said calling number identification data to test said
calling number identification data to prevent excessive use.

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1 ¹³⁰~~164~~. (Amended) An analysis control system according to
claim ¹²⁵~~159~~, wherein [said caller data] calling number
3 identification signals are [indicative of caller telephone number
4 data] automatically provided by said communication facility.

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1 ¹³²~~166~~. (Amended) An analysis control system according to
claim [159] ¹³¹~~165~~, wherein said qualification structure restricts
3 said extent of access by each of said individual callers to a
4 single use entitlement.

Please add the following new claims 179-235.

1 ¹⁴⁵~~179~~. A process according to claim ²~~30~~, wherein entitled
2 individual callers are only allowed access during a predetermined
3 period of time. ~~tt~~

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cont'd

1 ¹⁴⁶~~180~~. A process according to claim ³~~31~~, wherein entitled
2 individual callers are only allowed access during a predetermined
3 period of time. ~~tt~~

1 ¹⁴⁷~~181~~. An analysis control system according to claim ¹¹~~40~~,
2 wherein said caller significance is indicative of a calling order
3 sequence. ~~tt~~

148
1 ~~1182~~. An analysis control system according to claim ~~56~~,²⁷
2 wherein said interface structure further receives voice data from
3 said individual callers and stores said voice data for subsequent
4 processing. ~~44~~

149
1 ~~1183~~. An analysis control system according to claim ~~182~~,¹⁴⁸
2 further comprising:
3 analysis structure coupled to said record structure for
4 processing at least certain of said data developed by said
5 remote terminals relating to certain select ones of said
6 individual callers to isolate a subset of said callers. ~~42~~

150
1 ~~1184~~. An analysis control system according to claim ~~183~~,¹⁴⁹
2 wherein said qualification structure further ^{comprises} ~~comprise~~ test
3 structure coupled to said interface structure for testing data
4 provided by said individual callers specifying a limit on use
5 during a predetermined period of time. ~~42~~

151
1 ~~1185~~. An analysis control system according to claim ~~65~~,³⁶
2 wherein said one other distinct identification data is PIN number
3 data. ~~42~~

152
1 ~~1186~~. A process according to claim ~~100~~,⁶⁸ further comprising
2 the step of:
3 receiving and storing voice data signals from said
4 individual callers responsive to voice signals provided to

5 said individual callers. ¹⁵³~~187~~

1 ¹⁵²~~187~~. A process according to claim ~~186~~, further comprising
2 the step of:

3 subsequently processing said stored voice data
4 signals. ~~186~~

1 ¹⁵⁴~~188~~. A process according to claim ¹⁵²~~186~~, further comprising
2 the step of:

3 storing said digital identification data and said
4 answer data from said individual callers. ~~186~~

1 ¹⁵⁵~~189~~. A process according to claim ⁶⁸~~180~~, wherein said
2 individual callers are further qualified by testing said
3 participation numbers to determine whether said individual
4 callers are calling during a predetermined period of time. ~~189~~

1 ¹⁵⁶~~190~~. A process according to claim ¹⁵⁵~~189~~, wherein a clock is
2 used to qualify said individual callers with respect to said
3 period of time. ~~189~~

1 ¹⁵⁷~~191~~. An analysis control system according to claim ⁶⁸~~180~~,
2 wherein said select operating format is accessed by a pay to dial
3 number identified by called number identification signals (DNIS)
4 and said another of said plurality of operating formats is
5 accessed by a number other than said pay to dial called number

6 identified by called number identification signals (DNIS). ¹⁵⁸~~111~~

1 ¹⁵⁸~~111~~. A process according to claim ⁷⁹~~111~~, further comprising
2 the step of:

3 receiving and storing voice data signals from said
4 individual callers responsive to voice signals provided to
5 said individual callers. ~~111~~

1 ¹⁵⁹~~111~~. A process according to claim ¹⁵⁸~~111~~, further comprising
2 the step of:

3 subsequently processing said stored voice data
4 signals. ~~111~~

1 ¹⁶⁰~~111~~. A process according to claim ¹⁵⁸~~111~~, wherein said data
2 relating to calls from said individual callers includes said
3 digital identification data and said answer data from said
4 individual callers. ~~111~~

1 ¹⁶¹~~111~~. A process according to claim ⁷⁹~~111~~, wherein said
2 individual callers are further qualified by testing said
3 participation numbers to determine whether said individual
4 callers are calling during a predetermined period of time. ~~111~~

1 ¹⁶²~~111~~. A process according to claim ¹⁶¹~~111~~, wherein a clock is
2 used to qualify said individual callers with respect to said
3 period of time. ~~111~~

123

1 ~~163~~ ¹⁶² SUB I ~~197.~~ A process according to claim ~~196~~, wherein said
2H ~~predetermined period of time is a week.~~ ^{determined by a use-rate calculator}

1 ~~164~~ ⁸⁷ ~~198.~~ A process according to claim ~~119~~, further comprising
2 the step of:

3 receiving and storing voice data signals from said
4 individual callers responsive to voice signals provided to
5 said individual callers.

1 ~~165~~ ¹⁶⁴ ~~199.~~ A process according to claim ~~198~~, further comprising
2 the step of:

3 subsequently processing stored voice data signals.

1 ~~166~~ ¹⁶⁴ ~~200.~~ A process according to claim ~~198~~, wherein said data
2 relating to calls from said individual callers includes said
3 digital identification data and said answer data from said
4 individual callers.

1 ~~167~~ ⁸⁷ ~~201.~~ A process according to claim ~~119~~, wherein said
2 individual callers are further qualified by testing said
3 participation numbers to determine whether said individual
4 callers are calling during a predetermined period of time.

1 ~~168~~ ¹⁶⁷ ~~202.~~ A process according to claim ~~201~~, wherein a clock is
2 used to qualify said individual callers with respect to said
3 period of time.

169 93
1 ~~11203~~. An analysis control system according to claim 125,
2 wherein said data relating to certain select ones of said
3 individual callers includes credit card number data.

170 169
1 ~~11204~~. An analysis control system according to claim 203,
2 wherein said data relating to certain select ones of said
3 individual callers includes credit card expiration date data.

171 169
1 ~~11205~~. An analysis control system according to claim 203,
2 wherein said credit card number data is tested against
3 unacceptable credit card numbers.

172 93
1 ~~11206~~. An analysis control system according to claim 125,
2 wherein said interface structure receives voice data which is
3 stored for subsequent use.

G3/
cont'd
173 172
1 ~~11207~~. An analysis control system according to claim 206,
2 wherein at least certain of said data developed by said remote
3 terminals and at least certain of said voice data is used in
4 subsequent processing.

174 173
1 ~~11208~~. An analysis control system according to claim 207,
2 wherein said subsequent processing includes isolating a subset of
3 said individual callers.

175 95
1 ~~11209~~. An analysis control system according to claim 127,

2 wherein said data relating to certain select ones of said
3 individual callers includes credit card number data, which is
4 tested by said qualification structure for entitlement.

1 ¹⁷⁶
~~1210~~. An analysis control system according to claim ⁹⁶~~128~~,
2 wherein said identification data signals are further indicative
3 of caller billing identification data.

1 ¹⁷⁷
~~1211~~. An analysis control system according to claim ¹⁰⁹~~141~~,
2 wherein said interface structure receives calling number
3 identification data signals automatically provided by said
4 communication facility, which are tested by said qualification
5 structure with respect to a limit on use to determine if at least
6 certain of said individual callers are entitled to access.

1 ¹⁷⁸
~~1212~~. An analysis control system according to ¹⁰⁹~~141~~, wherein
2 said individual callers provide caller PIN number data online for
3 subsequent identification of said individual callers.

1 ¹⁷⁹
~~1213~~. An analysis control system according to claim ¹¹⁶~~145~~,
2 wherein said caller personal identification data is PIN number
3 data.

1 ¹⁸⁰
~~1214~~. An analysis control system according to claim ¹¹⁷~~150~~,
2 wherein at least certain of said individual callers are
3 transferred to an operator attended terminal and at least certain

126

4 of said data entered by said individual callers is displayed at
5 said operator attended terminal. ✓

1 ¹⁸¹~~to 215~~. A process for controlling operations of an interface
2 with a telephone communication system, said process including the
3 steps of:

4 providing key numbers specifying limits on use to
5 entitle individual callers to access said operations of the
6 ~~+~~ interface with said telephone communications system;

7 coupling remote terminals to said interface for
8 providing voice signals to said individual callers and
9 generating said voice signals for actuating said remote
10 terminals as to provide vocal operating instructions to
11 specific ones of said individual callers;

12 ^{as} receiving said key numbers ~~providing~~ digital
13 identification data from said individual callers responsive
14 to said voice signals and answer data provided from said
15 remote terminals under control of said individual callers;

16 qualifying said individual callers by testing to
17 determine if said individual callers are entitled to access
18 said operations of the interface by testing said key numbers
19 for said individual callers against stored key numbers to
20 ensure their validity and testing said key numbers based on
21 said limits on use for said individual callers and
22 accordingly providing approval signals for qualified
23 individual callers;



127

24 accessing a memory with said key numbers for said
25 individual callers and storing data relating to calls from
26 said individual callers; and
27 processing at least certain of said answer data
28 responsive to said approval signals. *ta*

1 ¹⁸²
~~18216~~. A process for controlling operations of an interface
2 with a telephone communication system according to claim ¹⁸¹~~215~~,
H 3 where said key ^{numbers are}~~number is~~ included in ^{products}~~a packaging of a product~~. *ta*

1 ¹⁸³
~~18217~~. A process for controlling operations of an interface
2 with a telephone communication system according to claim ¹⁸¹~~215~~,
3 wherein certain of said voice signals provided to said individual
4 callers indicate computer generated number data formed during
5 operations of said interface. *ta*

G3
CONT
562030-6992430
1 ¹⁸⁴
~~18218~~. A process for controlling operations of an interface
2 with a telephone communication system according to claim ¹⁸¹~~215~~,
H 3 where said key ^{numbers are}~~number is~~ coded. *ta*

1 ¹⁸⁵
~~18219~~. A process for controlling operations of an interface
2 with a telephone communication system according to claim ¹⁸¹~~215~~,
3 wherein said processing step processes answer data to isolate a
4 subset of said individual callers. *ta*

1 ¹⁸⁶
~~18220~~. A process for controlling operations of an interface

2 with a telephone communication system according to claim ¹⁸¹~~215~~,
3 wherein said individual callers provide credit card number data
4 as additional digital identification data or said answer data,
5 which is verified and stored in said memory. ~~6~~

1 ¹⁸⁷~~6221~~. A process for controlling operations of an interface
2 with a telephone communication system according to claim ¹⁸¹~~215~~,
3 wherein said operations of the interface are in accordance with a
4 select processing format of a plurality of processing formats
5 identified by called terminal digital data signals (DNIS)
6 provided automatically by said telephone communication system,
7 further comprising the steps of:

8 providing access to said operations of the interface in
9 accordance with said select processing format with a pay to
10 dial number and providing access to said operations of the
11 interface in accordance with another of said processing
12 formats with a number other than said pay to dial number.

1 ¹⁸⁸~~4222~~. A process for controlling operations of an interface

2 with a telephone communications system, said process including
3 the steps of:

4 providing products carrying key numbers for
5 participation specifying limits on use to entitle individual
6 callers to access said operations of the interface with said
7 telephone communications system;

8 coupling remote terminals to said interface for

9 providing voice signals to said individual callers and
10 generating said voice signals for actuating said remote
11 terminals as to provide voice operating instructions to
12 specific ones of said individual callers;

13 receiving digital identification data from said
14 individual callers responsive to said voice signals
15 including said key numbers for said individual callers and
16 answer data provided from said remote terminals under
17 control of said individual callers;

18 qualifying said individual callers by testing to
19 determine if said individual callers are entitled to access
20 said operations of the interface based on said limits on use
21 specified by said key numbers for said individual callers
22 and accordingly providing approval signals for qualified
23 callers;

24 accessing a memory with said key numbers for said
25 individual callers and storing data relating to calls from
26 said individual callers; and
27

28 providing certain of said voice signals to said
29 individual callers to indicate computer generated number
data formed during operations of the interface.

1 ¹⁸⁹~~223~~. A process according to claim ¹⁸⁸~~222~~, wherein said
2 computer generated number data is stored in said memory.

1 ¹⁹⁰~~224~~. A process according to claim ¹⁸⁹~~223~~, wherein said

2 computer generated number data is stored in association with said
3 digital identification data. ~~44~~

1 ¹⁹¹~~4225~~. A process according to claim ¹⁸⁸~~222~~, further comprising
2 the step of:

1+ 3 providing said key numbers in ~~a~~ packaging of said
4 products. ~~44~~

1 ¹⁹²~~4226~~. A process according to claim ¹⁸⁸~~222~~, further comprising,
2 the step of:

3 processing at least certain of said answer data to
4 isolate a subset of callers. ~~44~~

1 ¹⁹³~~4227~~. A process according to claim ¹⁸⁸~~222~~, wherein caller
2 credit card number data is received from said individual callers
3 as additional digital identification data or said answer data. ~~44~~

G3/cont'd
1 ¹⁹⁴~~4228~~. A process according to claim ¹⁸⁸~~222~~, wherein said
2 computer generated number data is indicative of a calling order
3 sequence of said individual callers. ~~44~~

1 ¹⁹⁵~~4229~~. An analysis control system for use with a
2 communication facility including remote terminals for individual
3 callers, wherein each of said remote terminals may comprise a
4 conventional telephone instrument including voice communication
5 means and digital input means in the form of an array of

6 alphabetic numeric buttons for providing data, said analysis
7 control system comprising:

8 interface structure coupled to said communication
9 facility to interface said remote terminals for voice and
10 digital communication and including means to provide signals
11 representative of data developed by said remote terminals
12 and including structure to control processing formats of
13 said analysis control system in accordance with signals
14 automatically provided by said communication facility
15 indicative of one of a plurality of called numbers (DNIS)
16 wherein said one of a plurality of called numbers identifies
17 a select processing format from a plurality of processing
18 formats;

19 voice generator structure selectively coupled through
20 said interface structure to said remote terminals for
21 providing vocal operating instructions to individual ones of
22 said callers;

23 record memory connected to said interface structure for
24 accessing a file and storing data relating to certain select
25 ones of said individual callers including voice data and
26 digital data developed by said remote terminals; and

27 analysis structure connected to said record memory for
28 processing at least certain of said data relating to certain
29 select ones of said individual callers to isolate a subset
30 of said callers, wherein processing of said certain of said
31 data includes accumulating multiple different personal

32 identifying data provided by said select ones of said
33 individual callers and considering said multiple different
34 data by logic comparisons to isolate said subset of said
35 callers. ~~4~~

¹⁹⁶
~~4230.~~ An analysis control system according to claim ¹⁹⁵~~229~~,

1 wherein certain of said caller data signals provided by said
2 individual callers are stored in said record structure. ~~6~~

¹⁹⁷
~~4231.~~ An analysis control system according to claim ¹⁹⁵~~229~~,
analysis structure provides including
14 2 wherein said individual designations ~~include~~ sequence data and
3 other caller data. ~~6~~

¹⁹⁸
~~4232.~~ An analysis control system according to claim ¹⁹⁵~~229~~,
2 wherein said select processing format is accessed by a pay to
3 dial called number received over a pay to dial network and
34 identified by called number identification data signals (DNIS). ~~6~~

¹⁹⁹
~~4233.~~ An analysis control system according to claim ¹⁹⁸~~232~~,
2 wherein at least one other of said processing formats is accessed
3 by a number other than said pay to dial called number and
4 identified by called number identification data signals (DNIS). ~~6~~

²⁰⁰
~~4234.~~ An analysis control system according to claim ¹⁹⁹~~233~~,
2 further comprising:
3 qualification structure coupled to said interface

4 structure for qualifying at least certain of said individual
5 callers for access to said select processing format by
6 testing key numbers specifying a limit on use provided by
7 said certain of said individual callers as part of said
8 digital data developed by said remote terminals. ~~6~~

*G31
cancel* *201* ~~235~~. An analysis control system according to claim ²⁶⁰~~234~~,

2 wherein said digital data developed by remote terminals includes
3 personal information data on at least said certain of said
4 individual callers including age data. ~~7~~

R E M A R K S

This amendment is in response to the office action mailed on November 26, 1996. Claims 29-35, 37-73, 75-144, and 146-178 are pending, of which claims 29-35, 37-39, 55-73, 75-97, 100-118, 125-137, 149-156, 159-173, and 175-176 stand allowed, and all of the rest but for claim 174 are indicated to be allowable.

Applicant appreciates the Examiner's indication of allowance and allowability. To advance prosecution to issuance, Applicant has carefully studied all the claims and further refined them where necessary for clarity and to further distinguish the claims from the prior art of record. By this amendment, claims 29 (allowed), 32-33 (allowed), 37 (allowed), 39 (allowed), 41-42, 44, 46, 50 (allowed), 51, 58 (allowed), 63 (allowed), 68-70 (allowed), 79 (allowed), 82 (allowed), 88 (allowed), 91 (allowed), 96-97 (allowed), 98, 102 (allowed), 119, 122, 126 (allowed), 128

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(allowed), 130-135 (allowed), 137 (allowed), 138, 141-143, 148, 149-151 (allowed), 155-156 (allowed), 157-158, 164 (allowed), and 166 (allowed) are amended. Also, by this amendment Applicant is submitting new claims 179-235, mostly dependent claims, for the Examiner's consideration. Reconsideration and allowance of this application is respectfully requested.

At the outset, in paragraph 1 of the office action, the Examiner noted that Applicant's statement with respect to claim 159 is not accurate. Applicant's statement with respect to claim 159 that it recites the combination of claim 37 (allowed) with further limitations was with reference to claim 37 of his parent application no. U.S. Serial No. 08/476,662, which issued as claim 24 in his parent patent no. 5,561,707.

Discussion of the Amendments to Overcome the Rejection Under 35 U.S.C. § 112 and to Correct Informalities Noted by the Examiner

In paragraph 3 of the office action, the Examiner rejected claims 51-54, 98-99, 119-124, 136-144, 146-148, 157, 158, 174, 177, and 178 under 35 U.S.C. Section 112, second paragraph.

In particular, with respect to claim 51, the Examiner indicated that the recitation "said caller" lacks antecedent basis. To address the lack of antecedent basis, Applicant has amended claim 51 to now recite --a-- caller. With respect to claims 52 and 53, the Examiner finds that the recitation "said other data" lacks antecedence. The Examiner's attention is drawn to line 3 of parent claim 51, which recites "other data." With respect to the

Examiner's rejection of claim 98, the recitation "compare" has been amended to --represent--. With respect to claim 119, the recitation "said communication facility" has been amended to said --telephone-- communication facility, which has antecedence in its preamble. As for claim 138, Applicant has amended it to clarify that one of a plurality of called numbers identifies --one of-- a plurality of distinct operating formats. With respect to claim 141, Applicant has amended the recitation "analysis structure," to --analysis control system--. In claim 157, Applicant has amended it to clarify that the step of receiving --call data signals-- is referred to. With respect to duplicate claims 166 and 174, Applicant has amended claim 166 to depend on claim 165.

In paragraph 4 of the office action, the Examiner noted informalities in certain claims and requested correction of those informalities. In claim 119, Applicant has inserted "and," after the semicolon in line 29. In claims 130 and 131, Applicant has replaced "comprises" with --comprise--. In claim 137, Applicant has replaced "are" at line 2 with --is--. In claim 151, line 46, "is" is replaced with --being--.

Discussion Relating to Submission of a Terminal Disclaimer

In paragraph 6 of the office action, the Examiner has required that Applicant must file a terminal disclaimer, at least with respect to claims 40 and 41 among "many of the claims in the present application." Although the claims in this application,

are distinct and different in scope from Applicant's parent claims issued in his '739 patent, a terminal disclaimer is submitted with this amendment to expedite issuance of this application. As a matter of interest, it is noted that the Examiner finds claims 40 and 41 (and their dependent claims 42-49) of the present application similar to claims 1, 8, 11, 12, and 14 of Applicant's '739 patent, whereas Applicant notes that claim 1 recites a "consumable key," claim 11 recites "called terminal digital data" and "interrelated processing," and claims 12 and 14 recite "interrelated processing." The identified features are not claimed in present claims 40 and 41, nor in their dependent claims 42-49.

Discussion of Applicant's Voluntary Amendments

Applicant has amended specific claims where necessary to further clarify them. In particular, claim 32 is amended to clarify that a specific format is identified --from a plurality of formats--. Claim 33 is amended to depend on claim 32. In claim 37, to address a lack of antecedence for the recitation "the calling order sequence," Applicant has amended it to recite --a-- calling order sequence.

Applicant has amended claim 41 to further clarify that at least certain of the answer data is processed and that it isolates a subset of callers based on repeated comparisons of answer data that is provided with answer data that is registered. Claims 44 and 46, which ultimately depend on claim 41 are amended

to be consistent with claim 41. Claim 42 is amended to address lack of antecedence for "the calling sequence" and to recite --a-- calling sequence.

In claim 50, Applicant noted a lack of antecedence for the recitation "calls from said individual callers," and has deleted "calls from." The remaining recitation has antecedence in the same claim. Also, with respect to claim 50, after the recitation "called number identification signals," Applicant has inserted --(DNIS)-- for clarification. Claim 55 is amended to recite --record-- means instead of "designation" means, which is more appropriate.

Claim 56 is further amended to clarify that the called number identification signals are --automatically provided by said communication facility-- and to further include the limitations of claims 80 and 82, that is a --switching structure-- for switching certain callers to live operators. Accordingly, claims 80 and 81 are canceled, without prejudice. Claim 58 is amended to recite credit card expiration --date-- data. In Claim 63, the recitation "at least one of said two forms" is deleted. Claims 68, 69, and 70 are amended to depend on claim 56.

Claim 70 is also amended to recite consistent terminology with its parent claim. Claim 79 is further amended to recite that the --caller customer number is verified against a record of qualified customer numbers--. Claims 91, 97, 102, and 156 are amended to further clarify the existing recitations. Claims 110

and 158 are amended to recite that the calling number identification data is used for a test.

Claims 126, 135, and 150 are amended to recite call distributors in relation to the call allocation routing capability. Claim 128 is clarified where necessary and amended to further recite a qualification structure. Claim 131 is amended to also recite social security number data. In claim 132, the recitation caller customer number data is rearranged for clarity. Claim 133 is amended to acknowledge antecedence for additional data signals and claim 134 is amended to depend upon claim 132.

Claims 142 and 143 are amended to recite the alternative --participation-- number data. Claim 144 is amended to depend on claim 146 and to recite personal information data rather than physical characteristic data. Claim 149 is amended to include the limitation of DNIS for format selection. Claim 164 is amended to recite calling number identification signals automatically provided by the communication facility. Claim 166 is amended to depend on claim 165 rather than on claim 159.

Discussion of New Claims

New claims 179-235 are introduced for the Examiner's consideration. Claims 179-214 depend on the pending claims and recite further limitations in combination with their parent claims. In particular, claim 179 depends on claim 30, claim 180 depends on claim 31, claim 181 depends on claim 40, claims 182-

184 ultimately depend on claim 56, claim 185 depends on claim 65, claims 186-191 ultimately depend on claim 100, claims 192-197 ultimately depend on claim 111, claims 198-202 ultimately depend on claim 119, claims 203-208 ultimately depend on claim 125, claim 209 depends on claim 127, claim 210 depends on claim 128, claims 211-212 depend on claim 141, claim 213 depends on claim 149, and claim 214 depends on claim 150.

Applicant is introducing three independent claims 215, 222, and 229. Independent claim 215 is similar to issued claim 69 of Applicant's U.S. Patent No. 5,561,707, but for the differences that it recites (1) providing --key numbers--, rather than providing "products carrying participation numbers" and (2) in the qualifying step recites testing those key numbers against stored key numbers to ensure their validity and testing them based on limits on use. Claims 216-221 depend on claim 215 and recite further limitations. Independent claim 222 is again similar to issued claim 69 of Applicant's U.S. Patent No. 5,561,707 with differences in its recitation of --key numbers-- rather than "participation numbers" and a step of --providing certain of said voice signals to said individual callers to indicate computer generated number data formed during operations of the interface-- instead of claim 69's processing step. Claims 223-228 depend on claim 222 and recite further limitations.

Independent claim 229 recites a combination of elements including (1) an interface structure coupled to said communication facility to interface remote terminals for voice

and digital communication and including means to provide signals representative of data developed by the remote terminals and including structure to control processing formats of the analysis control system in accordance with signals automatically provided by said communication facility indicative of one of a plurality of called numbers (DNIS) wherein said one of a plurality of called numbers identifies a select processing format from a plurality of processing formats; (2) voice generator structure selectively coupled through the interface structure to said remote terminals for providing vocal operating instructions to individual ones of said callers; (3) record memory connected to the interface structure for accessing a file and storing data relating to certain select ones of said individual callers including voice data and digital data developed by said remote terminals; and (4) analysis structure connected to the record memory for processing at least certain of said data relating to certain select ones of said individual callers to isolate a subset of said callers, wherein processing of said certain of the data includes accumulating multiple different personal identifying data provided by said select ones of said individual callers and considering the multiple different data by logic comparisons to isolate said subset of the callers. Claims 230-235 depend on claim 229 and recite further limitations.

Other Comments

In paragraph 9, the Examiner indicated his consideration of

the Information Disclosure Statement submitted by Applicant on October 22, 1996, which he had also considered during prosecution of Applicant's parent applications such as U.S. Application Serial No. 08/139,307 (now issued as U.S. Patent No. 5,561,707). To that end, Applicant wishes to clarify a comment made during prosecution of the same parent application with respect to U.S. Patent No. 4,706,275 to Kamil. To avoid any misinterpretation of Applicant's previous statement, Applicant's reiterates his position that the Kamil patent does not explicitly disclose a consumable key operation as disclosed by the Applicant. Although the Kamil patent does mention a valid ticket number and implies some form of a "pre-paid ticket" (Figure 2, block 51), it is vague in describing any ticket or product bearing any code or number indicating a limit on its use. Furthermore, the Kamil patent does not disclose prompting callers by voice to enter data.

S U M M A R Y

Favorable consideration and allowance of all the pending claims is respectfully requested.

Respectfully submitted,

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Docket No. 9002-1B670USE
(prev. 6646-101NF)

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